1/14

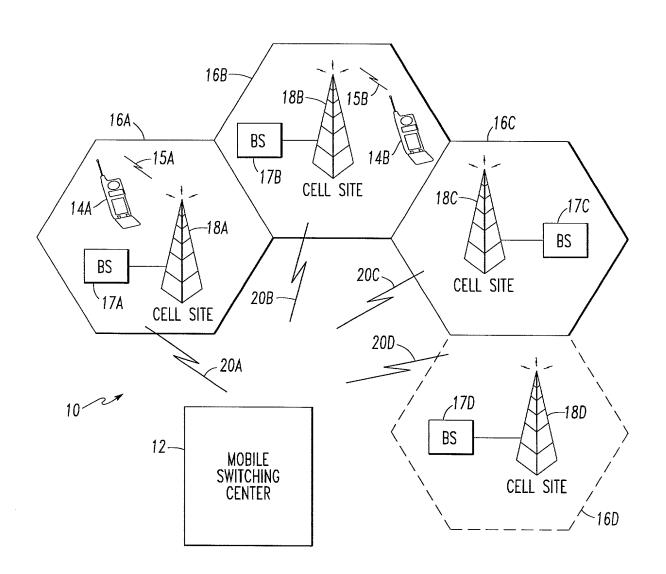
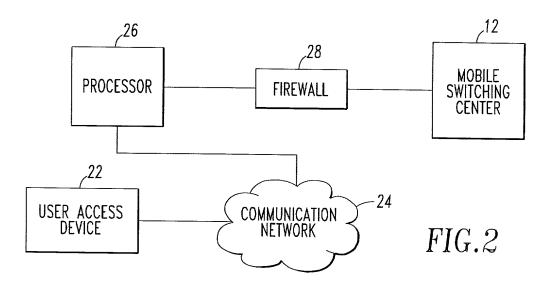
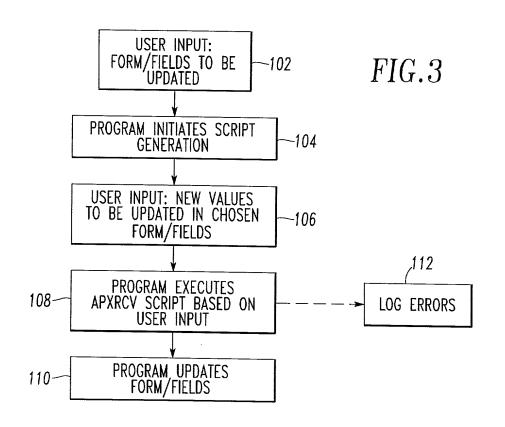


FIG.1





- Continue

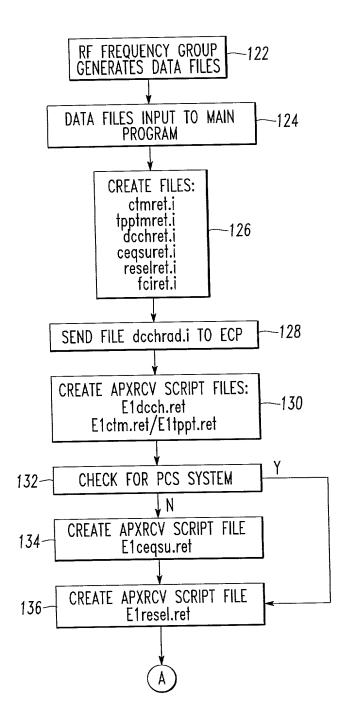
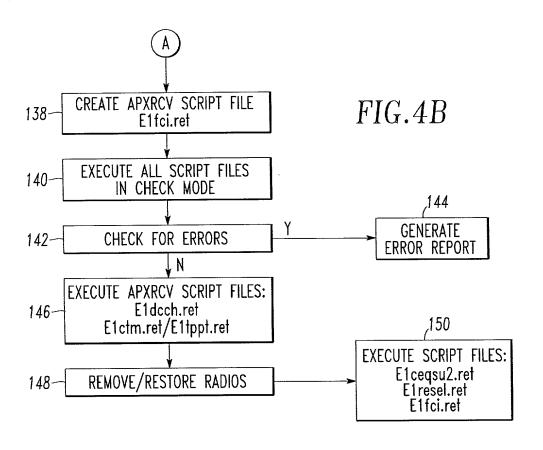


FIG.4A



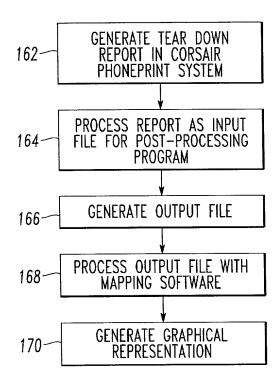
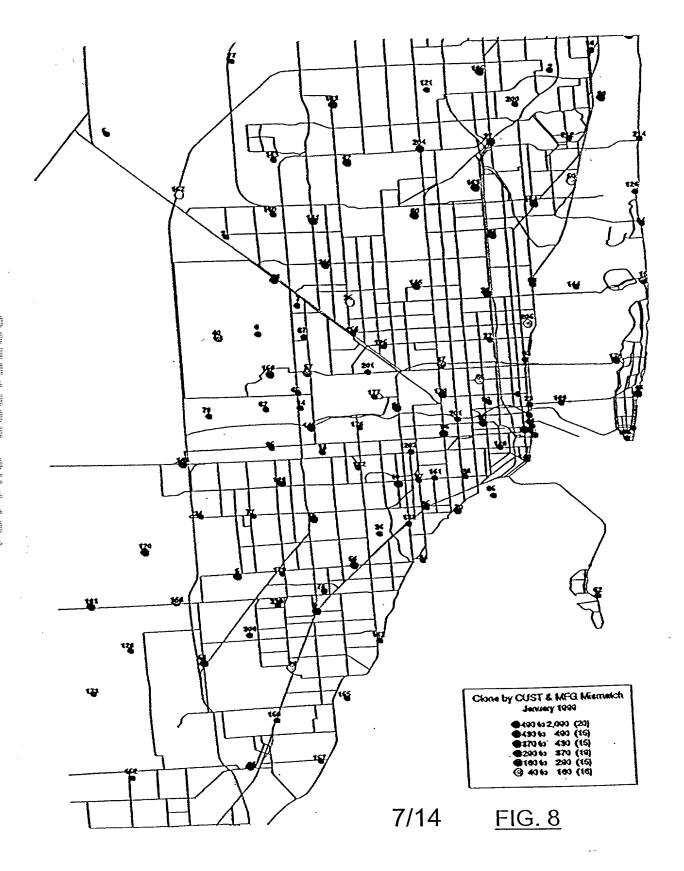


FIG.5

		-			
>pg pp9912.	txt				
Date Time	e(2) Site_ID	MIN(1)	Dialed_Digits	Tear-Down_Reasor	ì
12/25/99	19:26:09	20	2012075854	12014981322	MFG
12/23/99	14:56:20	219	2012075854	5617767114	MFG
12/26/99	21:40:32	167	2012130072	19547814445	MFG
12/23/99	19:06:49	82	2012134416	9544289147	MFG
12/23/99	19:06:23 17:23:55	82	2012134416 2012134416	9544289147	MFG
12/25/99 12/25/99	17:23:33	82 82	2012134416	9544285083 2015680907	MFG MFG
12/25/99	13:00:20	82	2012134416	2015680907	MFG
12/25/99	13:04:05	82	2012134416	2015680907	MFG
12/25/99	13:03:53	82	2012134416	2015680907	MFG
12/25/99	13:03:31	82	2012134416	2015680907	MFG
12/25/99	13:01:49	82	2012134416	2015680907	MFG
12/25/99	12:53:38	82	2012134416	2015680907	MFG
12/25/99	12:52:32	82	2012134416	2015680907	MFG
12/25/99	12:52:03	82	2012134416	2015680907	MFG
12/25/99	12:50:48	82	2012134416	2015680907	MFG
12/25/99	12:48:15	82	2012134416	2015680907	MFG
12/25/99	12:47:16	82	2012134416	5680907 MFG	MEC
12/24/99 12/24/99	11:58:50 11:58:08	82 82	2012134416 2012134416	8003328463 8003328463	MFG MFG
12/24/99	10:03:16	82 82	2012134416	9544289147	MFG
12/22/99	14:58:09	80	2012300764	19546467166	MFG
12/29/99	10:54:28	177	2012499657	19086881800	MFG
12/29/99	10:51:49	177	2012499657	9412503698	MFG
12/29/99	10:25:04	145	2012499657	12012400657	MFG
12/29/99	10:24:42	145	2012499657	12012400657	MFG
12/27/99	21:26:01	49	2012476225	15616551115	MFG
12/24/99	19:22:48	219	2012476225	15615551212	MFG
12/24/99	19:22:26	219	2012476225	15615551212	MFG
12/24/99	19:22:06	219	2012476225	15615551212	MFG
12/24/99	19:13:38	219	2012476225	5617950022	MFG
12/27/99 12/23/99	12:01:06 16:23:47	20 12	2012476225 2012640686	15614996976 3105152822	MFG MFG
12/23/99	16:23:47	12	2012640686	3105152822	MFG
12/23/99	16:17:13	12	2012640686	3105152822	MFG
12/20/33	10.17.00	12	2012040000	3100102022	1411 0

FIG.6

>pg map1299 ECP, CellNo,Longitude, Latitude,Count 4,1,-80.1675,26.155278.148 3,5,-80.361111,25.699444,209 1,6,-80.171667,26.36,675 1,7,-80.144167,26.562778,173 1,8,-80.109722,26.760556,76 3,9,-80.317222,25.679444,311 3,10,-80.266667,25.747222,115 4,15,-80.123056,25.854167,510 4,16,-80.198611,26.248889,401 1,18,-80.088889,26.45,380 1,20,-80.058611,26.651944,216 4,22,-80.210833,25.848611,138 4,23,-80.128889,26.085833,844 4,25,-80.288889,25.845556,55 1,26,-80.201111,26.630833,251 4,27,-80.204722,25.93,590 3,38,-80.360833,25.596667,255 3,39,-80.333889,25.649444,584 4,30,-80.415,26.086389,207 4.31, -80.175833, 26.121944, 128 1,37,-80.681389,26.686667,213 4,40,-80.364444,25.828333,156 4,42,-80.286944,25.920556,147 4,43,-80.168056,26.024722,333 3,46,-80.129167,25.793611,2694 3,47,-80.238611,25.811389,121 1,49,-80.051667,26.711944,381 4,50,-80.160556,25.908611,187 4,52,-80.26,26.121667,456 4,53,-80.105556,26.136389,501 3,54,-80.383333,25.653056,81 4,55,-80.249444,26.268333,314 3,56,-80.294722,25.703889,184 3,57,-80.315,25.808333.21 3,58,-80.265278,25.788333,267 4,60,-80.25,25.891667,205 4,61,-80.090833,26.230278,147 4,64,-80.211667,26.0175,595



.....

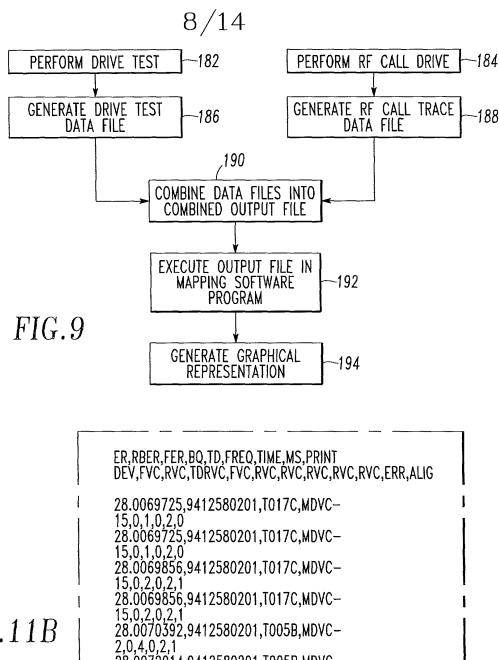


FIG. 11B

28.0072014,9412580201,T005B,MDVC-7,0,4,0,2,1 28.0072014,9412580201,T005B,MDVC-7,0,4,0,2,1 28.0073900,9412580201,T005B,MDVC-8,0,3,0,2,1 28.0073900,9412580201,T005B,MDVC-8.0.3.0.2.1 28.0075761,9412580201,T005B,MDVC-28.0075761,9412580201,T005B,MDVC-7,0,5,0,2,1 592,9412580102,T005B

MSNB 9412580201	CELL TO17C	NAL STRENGTH DEV MDVC-1060	SSFVC	SSRVC 20
SSSTDRVC 6	BERFVC 3	BERRVC 2	RBERRVC 2	FERRVC 0
BQRVC 6	TDRVC 3	FREQERR 1	TIMEALIGN 0	MSPOW 2
T017A T017B T006B T016B T004A T005B T005A T018A	NSSFFMC 5 23 17 13 29 33 23 21	MEASCHAN 1260 1272 1300 1305 1251 1302 1290 1294 1303	VIND Y Y Y Y Y Y Y Y	
TIMW 11:08:27	PRINTIN 0	D	FCODE	
END				
MOBILE TELE HANDOFF	PHONE CEL	L TRAFFIC RE	CORDING CAN	DIDATE LIST FOR
MSNB 9412580201	CELL TO17C	TIME 11:08:28	FCODE	URGENCY 0
CANDCELL T005B	CELLI 0	TYPE	NTYPE STD	RATING 0
END				

FIG.10

XTEL LOG FILE

DATE,TIME,LONGITUDE,LATITUDE,ALT,SPEED,HEADING,DPS_MODE,PHONE_TASK,TASK DESC, CHAN, RSSI, MODTYPE, SLOT, CHANTYPE, SAT, DVCC, POWER, BER, BER_CODE, SBI, TA, CELL1. DISTANCE1, CELL2, DISTANCE2, CELL3, DISTANCE3, LOWER_CTOA, UPPER_CTOA, COCHA_RSSI, MARKER, CHAN_GRP, EVENT, EVINFO, BAND, LISTTYPE, LISTCT, CHAN1, RSS 11,CHAN2,RSS12,CHAN3,RSS13,CHAN4,RSS14,CHAN5,RSS15,CHAN6,RSS16,CHAN7,RS SI7, CHAN8, RSSI8, CHAN9, RSSI9, CHAN10, RSSI10, CHAN11, RSSI11, CHAN12, RSSI12, C HAN13,RSS113,CHAN14,RSS114,CHAN15,RSS115,CHAN16,RSS116,CHAN17,RSS117,CH AN18, RSS118, CHAN19, RSS119, CHAN20, RSS120, CHAN21, RSS121, CHAN22, RSS122, CHA N23, R\$S123, CHAN24, R\$S124, CHAN25, R\$S125, REVISION 7/30/99.11:08:27,-82.3321883,27.9813839,9,40.3,86.9,G8,5,Conversation,1218,-93, D, 3, V, 3, 5, 2, 0.87, 3, 0, 0, , , , , 14, 15, -100, 0, 8, , , 1, Neig, 9, 1284, -89, 1302, -93, 1300, -103, 1255, -107, 1317, -109, 1303, -109, 1314, -111, 1305, -111,1315, 7/30/99,10:52:47, 82.3321883,27.9813839,9,40.3,86.9,G8,5,Conversation,1218,-93,D,3,V,3,5,2,0.84,3,0,0,,,,,,14,15,-100,0,8,,,1,Neig,9,1284-89,1302,-93,1300,-103,1303,-107,1255,-109,1314,-111,1317,-111,1305,-111,1315 7/30/99.10:52:48.-82.33219553,27.9813947,10,43.1,,87.0,G8,5,Conversation,1218,-93,D,3,V,3,5,2,0.84,3,0,0,,,,,,,-10,38,-137,0,8,,,1,Neig,9,1284-89,1302,-93,1300,-103,1303,-107,1255,-109,1314,-111,1317,-111,1305,-111,1315.-7/30/99,10:52:48, 82.3319553,27.9813947,10,43.1,87.0,G8,5,Conversation,1218,-95,D,3,V,3,5,2,0.84,3,0,0,,,,,,-10,38,-137,0,8,,,1,Neig,9,1284-83,1302,-93,1300,-101,1303,-105,1255,-109,1305,-111,1314,-113,1315,-113,1317, 7/30/99,10:52:49,-82.3317164.27.9814044,10,44.7,87.2,G8,5,Conversation,1218,-95,D,3,V,3,5,2,0.99,3,0,0,,,,,,-10,38,-137,0,8,,,1,Neig,9,1284-83,1302,-93,1300,-101,1303,-105,1255,-109,1305,-111,1314,-113,1315,-111,1317,-

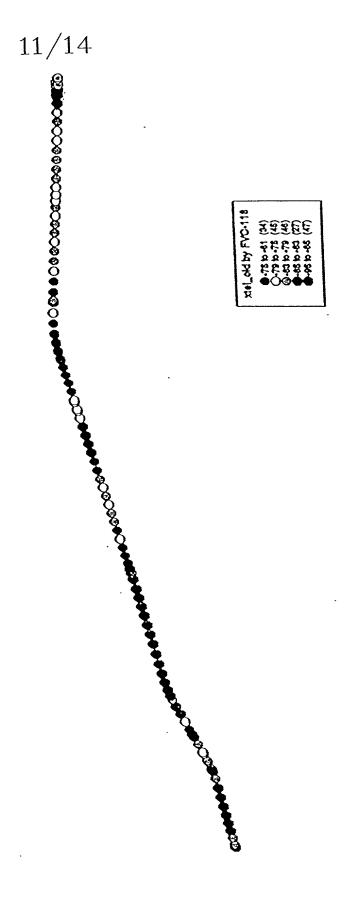


FIG.12

FIG. 13A

```
Time,Long,Lat,CellNo,SS,
12:41:29,28,6559300,-18.205792000,1353,-124
12:41:29,28,6559300,-18.205792000,201,-106
12:41:29,28,6559300,-18.205792000,32,-106
12:41:29.28.6559300, -18.205792000, 321, -76
12:41:29,28,6559300,-18.205792000,323,-66
12:41:29,28,6559300,-18.205792000,831,-100
12:41:30,28,6559260,-18.205580000,323,-66
12:41:31,28,6559170,-18.205380000,321,-75
12:41:31,28,6559170,-18.205380000,321,-75
12:41:31,28,6559170,-18.205380000,323,-64
12:41:32,28,6559080,-18.205198000,323,-63
12:41:33,28,6558950,-18.204922000,321,-/3
12:41:33.28,6558950,-18.204922000,323,-62
12:41:34,28,6558900,-18.204769000,321,-73
12:41:34,28,6558900,-18.204769000,321,-73
12:41:34,28,6558900,-18.204769000,322,-98
12:41:34,28,6558900,-18.204769000,323,-61
12:41:35,28,6558900,-18.204577000,1353,-124
12:41:35,28,6558900,-18.204577000,201,-105
12:41:35,28,6558900,-18.204577000,202,-106
12:41:35,28,6558900,-18.204577000,32,-105
12:41:35,28,6558900,-18.204577000,323,-63
12:41:35,28,6558900,-18.204577000,831,-99
12:41:37,28,6558970,-18.204219000,321,-73
 12:41:37,28,6558970,-18.204219000,323,-67
 12:41:38,28,6559000,-18.204044000,321,-74
 12:41:38,28,6559000,-18.204044000,323,-67
 12:41:38,28,6559000,-18.204044000,321,-74
 12:41:38,28,6559000,-18.204044000,323,-6/
 12:41:40.28,6559020,-18.203683000,1353,-122
 12:41:40,28,6559020,-18.203683000,202,-104
 12:41:40,28,6559020,-18.203683000,32,-105
 12:41:40,28,6559020,-18.203683000,321,-73
 12:41:40,28,6559020,-18.203683000,322,-96
 12:41:40,28,6559020,-18.203683000,323,-67
 12:41:41,28,6559070,-18.203457000,321,-72
 12:41:41,28,6559070,-18.203457000,323,-66
 12:41:42,28,6559100,-18.203125000,321,-71
 12:41:42,28,6559100,-18.203125000,323,-66
```

,	
v—————————————————————————————————————	V
Ph#: (407) 9223002 Call clear by MS - mobile clear v	٧
Call Monitor: Call RSSI value	v
05/10/99 13:21:00 ALM INF 4117 7 20 A SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/201 / -98	۷
05/10/99 13:21:00 ALM INF 4117 7 32 B SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/322 / -103 v	٧
Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/322 / -103 vRecord # 266: 05/10/99 13:21:00 ALM INF 4117 7 83 A SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/861 / -96 vRecord # 267: 05/10/99 13:21:00 ALM INF 4117 7 32 A SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/321 / -78 vRecord # 268: 05/10/99 13:21:00 ALM INF 4117 7 135 G SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/1353 / -113 vRecord # 269: 05/10/99 13:21:00 ALM INF 4117 7 20 B SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/302 / -100 v	- V
05/10/99 13:21:00 ALM INF 4117 7 32 A SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/321 / -78 v— — — — — — — — — Record # 268: — — — — — — — — —	- V
05/10/99 13:21:00 ALM INF 4117 7 135 G SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/1353 / -113 v———————————————————————————————————	- V
05/10/99 13:21:00 ALM INF 4117 7 20 B SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/302 / -100 v— — — — — — — — — — Record # 270: — — — — — — — — —	- V
05/10/99 13:21:00 ALM INF 4113 7 32 G TC 457 Call Monitor: Call RSSI value (407) 9223002 cell 323 rrssi -72 attn 4 snr 40 v	– v
05/10/99 13:21:00 ALM INF 4117 7 32 G SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/323 / -71 v	– V
05/10/99 13:21:00 ALM INF 4117 7 3 B SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/32 / -115	



tra0528_ock by SS

O -65 to -65 (600)

- 42 to -65 (534)

- 40 to -42 (466)

- 105 to -46 (540)

- 116 to -105 (482)

- 127 to -116 (566)

FIG.15